

DeIONIC 100-VLF

DeIONIC 100-VLF is a unique, very low foaming, modified alkoxyated alcohol. This nonionic surfactant exhibits multifunctional characteristics including fast wetting and dispersing properties.

SPECIFICATIONS

Appearance @ 25°C:	Clear to slightly hazy liquid
pH (10% in DW):	5.0 -9.0
Color (Gardner):	1 max.
Cloud Point (1% by wt. in 15% butyl carbitol):	58 - 70°C

SOLUBILITY DeIONIC 100-VLF is soluble in alcohols and glycols. It is dispersible in water, solvents and oils.

TYPICAL PROPERTIES

Activity	~99%
HLB (calculated)	~1.4
Density @ 25°C	~0.96 g/mL
VOC (typical)	~124.8g/L

- Very low foam
- Excellent wetting
- Excellent surface tension reduction above the cloud point
- Promotes detergency
- Biodegradable
- Moderate alkali and acid stability
- Dispersant
- Approved for use as inert in non-food pesticide applications

APPLICATIONS

- Pigment and dye dispersant
- Pigment grinding
- Fountain solutions
- Paints and coatings
- Inks
- Low foam detergents
- Pulp and paper production
- Adhesives
- Electroplating
- Agricultural sprays
- High pressure spray cleaners
- Emulsion polymerization

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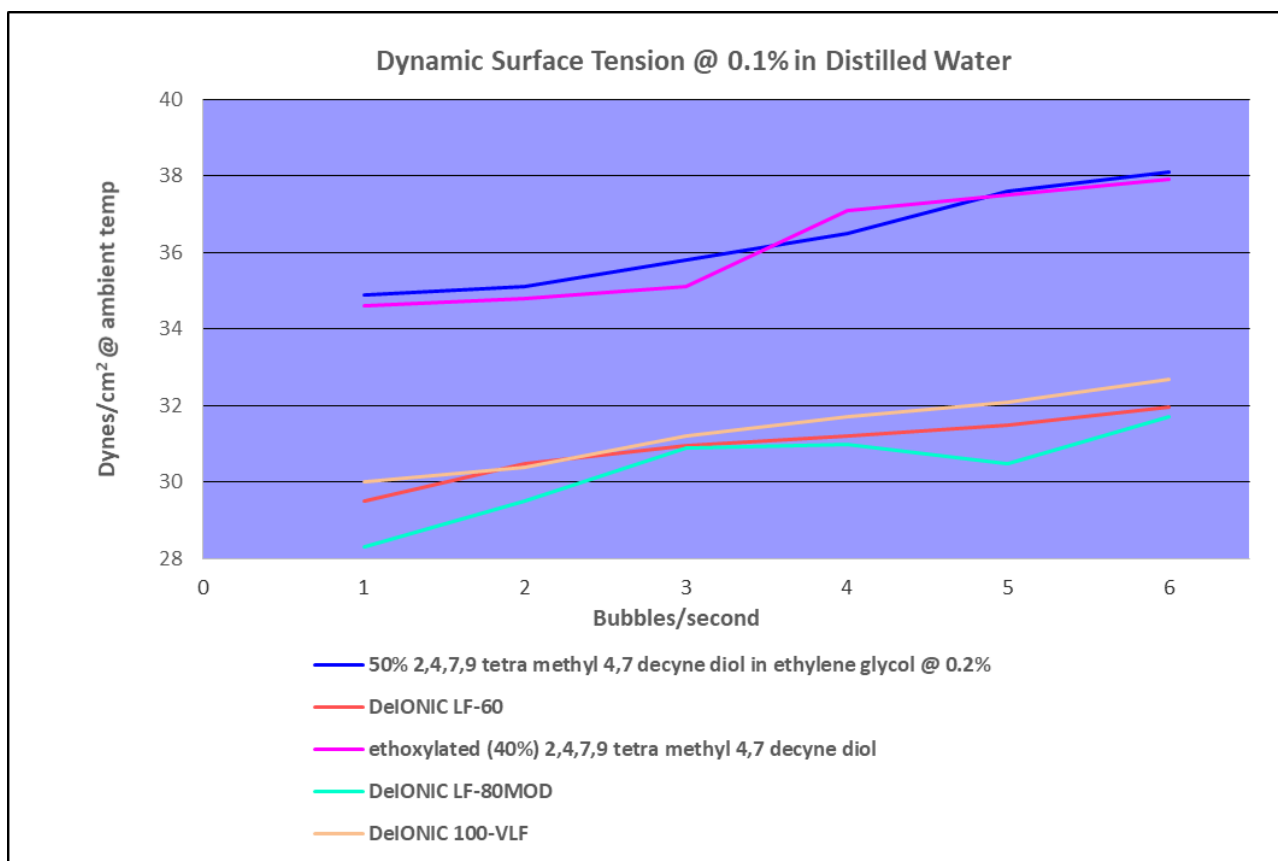
6501 Congress Avenue, Suite 100 • Boca Raton, FL 33487 • (561) 994-9696 • FAX (561) 994-9995
www.DeForestEnterprises.com • info@DeForestent.com

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SURFACE TENSION PROPERTIES of DeIONIC 100-VLF

The dynamic surface tension of **DeIONIC 100-VLF** was determined at 0.1% by weight in distilled water using a SensaDyne QC6000 Tensiometer.

The graph below compares our low HLB wetting agents to two acetylenic diols which are commonly used as low foam wetting agents.



Additional information on DeIONIC LF-60 and DeIONIC LF-80MOD is available by request or at www.deforestent.com.

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